

JAN 28 1982

THANK STRIPPER.

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HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

DPM 2668-1

1. PRODUCT NAME, NUMBER, SYNONYM: EPOXYSTRIP T-251-C DPM 2668-1
2. MANUFACTURER'S NAME: Beck Chemicals, Inc.
3. MANUFACTURER'S ADDRESS: 3350 West 137th Street, Cleveland, Ohio 44111
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Neutralize spillage with alkaline water
system before flushing away
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Keep cool, out of direct sunlight and make
shipments under white caustic label
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: Wash with water for a minimum of 15 minutes. Treat injured area with
wet dressing of saturated Sodium Thiosulfate. Don't use salves or ointments.
- B. EYE CONTACT: Wash with water followed by suitable lime water wash--get medical
attention
- C. INHALATION: Remove party to fresh air and if difficulty is acute, secure medical
attention
- D. ANTIDOTE IN CASE OF SWALLOWING: Administer without delay 1½ ounces Castor Oil, if avail-
able. Give large quantities of liquid (warm salt water) and induce vomiting. Get
medical attention. (See attached warning label)
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: T-251-C is very poisonous--never take internally
- B. LOCAL EFFECTS UPON EYES: If splashed into eye will produce severe chemical burn.
Safety goggles are indicated when using product
- C. LOCAL EFFECTS UPON SKIN: produces chemical burns on contact
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): acid fumes are very sharp
and irritating.

E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Odor very sharp and serves as warning for proper ventilation

F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): Approximately 25 PPM

8. CHEMICAL AND PHYSICAL PROPERTIES:

(Some components of system are heavier than air)

A. SPECIFIC GRAVITY (WATER = 1) 1.279

B. VAPOR DENSITY (AIR = 1) _____

C. VAPOR PRESSURE mm Hg AT 25°C. _____

D. pH 1.8

E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLASS, RUBBER, LACQUERS, ENAMELS, FABRICS: Aluminum during stripping procedures not affected.

Magnesium, plastics, fabrics, rubber and protective coatings are damaged or destroyed by stripper

F. DOES THE MATERIAL DECOMPOSE WHEN EXPOSED TO AIR? WATER? HEAT? STRONG OXIDIZERS? If exposed to air, some evaporation takes place and is accelerated by heat. Oxidizers have no affect.

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

<u>COMPOUND</u>	<u>PERCENT</u>
<u>Methylene Chloride</u>	<u>80 - 87%</u>
<u>Phenol Family</u>	<u>8 - 10%</u>
<u>Acetic Acid Family</u>	<u>6 - 8%</u>
<u>Retardants and Surfactants</u>	<u>1 - 3%</u>

NOTE:

GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOLS, KETONES, CHLORINATED HYDROCARBONS, ETC. ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Effective exhaust system in stripping area is required with fresh air being drawn over back of worker across stripping tank to outside exhaust.
10. RECOMMENDED PROTECTIVE EQUIPMENT: Protect eyes and person of workman against possible splashing of stripper onto clothing or skin
11. A. FLASH POINT °F: CLOSED CUP None; OPEN CUP None; IF F.P. CHANGES DURING EVAPORATION GIVE DATA: _____
- B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER None; UPPER None
- C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____; NO X
- D. FIRE POINT °F None; AUTO IGNITION TEMPERATURE °F None
- E. VAPOR DENSITY Some components lighter than air--some heavier than air in stripping system
- F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? Some HCL vapors are formed
- G. SUITABLE EXTINGUISHING AGENTS: Product is not a supporter of combustion
12. INFORMATION FURNISHED BY:
- TITLE: Chief Chemist *R.E. Nickelson*
- COMPANY: Beck Chemicals, Inc.
- ADDRESS: 3350 West 137th Street, Cleveland, Ohio 44111
- DATE: April 15, 1970

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE TREATED AS CONFIDENTIAL AND USED FOR THE PURPOSE OF PROTECTING THE HEALTH AND SAFETY OF MCDONNELL DOUGLAS CORP. EMPLOYEES AND THE SAFEGUARDING OF ITS PROPERTY. IT WILL ALSO BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.